



# MONTANA

## AGRICULTURAL FACTS

MAY 1, 1992

1991

MONTANA  
AGRICULTURAL  
STATISTICS SERVICE  
PO Box 4369  
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MAY 26 1992

### MONTANA FACTS AND FIGURES

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Montana's 1990 population, at 799,065, was up 1.6 percent from 1980. Population density, measured in people per square mile, was 5.5 in 1990--third lowest in the United States. Montana's 60.2 million acres of land in farms and ranches ranks second in the nation behind Texas.

### MONTANA POPULATION

Total, 1990 Census	799,065
People Per Square Mile	5.5
Rural Farm Population	45,718
People Per Farm	1.9

<sup>1</sup> 1987 U.S. Census of Agriculture.

### LAND AND LAND UTILIZATION <sup>1</sup>

Montana Total Land Area, Miles	145,388 Sq. Miles
Montana Total Land Area, Acres	93 0 Mil. Acres
All Land in Farms & Ranches	60,203,993 Acres
Proportion of Land in Farms & Ranches	64.7 Percent

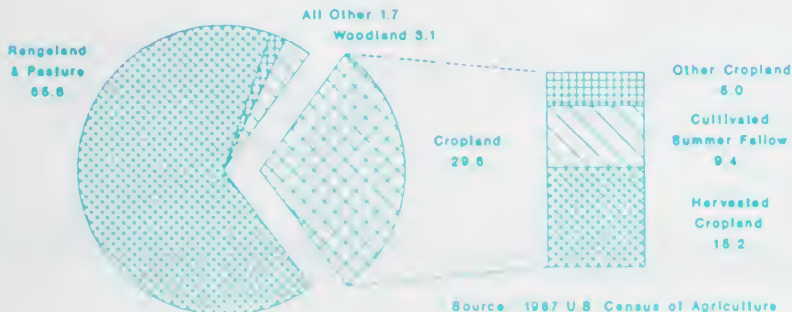
### FARM COUNTS AND MEASUREMENTS, 1990

Number of Farms & Ranches <sup>1</sup>	24,700	Real Estate Value/Farm or Ranch <sup>3</sup>	\$600,644
Average Size of Farm or Ranch <sup>1</sup>	2,449 Acres	Average Value Per Acre <sup>4</sup>	\$243
Total Farm & Ranch Assets <sup>2</sup>	\$20.3 Bil.	Farm & Ranch Debt Per Operation <sup>5</sup>	\$107,170
Average Value Per Farm or Ranch <sup>2</sup>	\$822,385		

<sup>1</sup> Places with annual sale of agricultural products of \$1,000 or more. <sup>2</sup> Includes household, buildings, machinery, livestock, crops, savings and investments. <sup>3</sup> Includes dwelling and other farm buildings. <sup>4</sup> Per acre, land and buildings, February 1, 1991

<sup>5</sup> Includes real estate, non-real estate, and CCC loans.

## Land in Farms & Ranches Utilization as Percentage of Total



Source: 1987 U.S. Census of Agriculture

# 1991 CROP PRODUCTION

Montana's small grain growing season got off to a late start and was wet and cool during the critical development months. Record yields were attained but acreage was reduced by government restrictions, hail damage, and winter wheat winter kill.

All wheat production in 1991, at 159.5 million bushels, rose 9 percent from a year ago and 24 percent above the five-year average.

Barley production in 1991 was up 52 percent from last year, at 85.8 million bushels. This is a 28 percent increase over the 5-year average.

## MONTANA ANNUAL CROP SUMMARY, 1991 1/

MONTANA ANNUAL CROP SUMMARY, 1991												
Year		Acreage		Unit	Yield Per Acre	Total Prod	% Prev Year	Season Avg. Price	% Prev Year	Value of Prod	% Prev Year	U.S. Prod
		Plant	Harv									
		Thousands				Thous	%	\$	%	Thous \$	%	Thous
Winter Wheat	1988	2,450	2,100	Bu.	19.0	39,900	-50	3.86	+45	154,014	-27	1,561,910
	1989	2,500	1,500		36.0	54,000	+35	3.73	-3	201,420	+31	1,454,642
	1990	2,700	2,500		35.0	87,500	+62	2.53	-32	221,375	+10	2,033,299
	1991	2,350	1,800		40.0	72,000	-18	3.15	+25	226,800	+2	1,372,182
Durum Wheat	1988	280	230	Bu.	9.0	2,070	-61	5.20	+53	10,764	-40	44,831
	1989	340	335		18.0	6,030	+191	3.31	-36	19,959	+85	92,229
	1990	245	235		19.0	4,465	-26	2.72	-18	12,145	-39	122,171
	1991	180	179		33.0	5,907	+32	2.60	-4	15,358	+26	103,957
Other Spring Wheat	1988	2,000	1,500	Bu.	12.0	18,000	-73	4.10	+47	73,800	-60	205,460
	1989	3,500	3,400		25.0	85,000	+372	3.64	-11	309,400	+319	489,747
	1990	2,800	2,450		22.0	53,900	-37	2.80	-23	150,920	-51	583,124
	1991	2,600	2,400		34.0	81,600	+51	3.10	+11	252,960	+68	504,565
All Wheat	1988	4,730	3,830	Bu.	15.7	59,970	-60	3.98	+45	238,578	-42	1,812,001
	1989	6,340	5,235		27.7	145,030	+142	3.66	-8	530,779	+122	2,036,618
	1990	5,745	5,185		28.1	145,865	+1	2.65	-28	384,440	-28	2,738,594
	1991	5,130	4,379		36.4	159,507	+9	3.10	+17	495,118	+29	1,980,704
Barley	1988	1,800	1,250	Bu.	24.0	30,000	-68	2.82	+55	84,600	-51	289,994
	1989	1,700	1,600		43.0	68,800	+129	2.21	-22	152,048	+80	404,203
	1990	1,600	1,380		41.0	56,580	-18	2.30	+4	130,134	-14	418,856
	1991	1,800	1,650		52.0	85,800	+52	2.60	+13	223,080	+71	464,495
Oats	1988	210	90	Bu.	31.0	2,790	-54	2.26	+52	6,305	-30	217,600
	1989	250	145		46.0	6,670	+139	1.42	-37	9,471	+50	373,587
	1990	160	70		40.0	2,800	-58	1.25	-12	3,500	-63	357,149
	1991	200	110		55.0	6,050	+116	1.27	+2	7,684	+120	242,526
Corn for Grain 2/	1988	90	20	Bu.	110.0	2,200	+40	3.15	+43	6,930	+200	4,928,681
	1989	80	4		80.0	320	-85	2.60	-17	832	-88	7,525,493
	1990	65	9		95.0	855	+167	2.50	-4	2,138	+157	7,933,068
	1991	75	15		120.0	1,800	+211	2.70	+8	4,860	+127	7,474,480
Corn for Silage	1988	--	67	Tons	19.0	1,273	+11	--	--	--	--	78,791
	1989	--	75		18.0	1,350	+6	--	--	--	--	86,109
	1990	--	55		19.0	1,045	-23	--	--	--	--	86,844
	1991	--	59		18.0	1,062	+2	--	--	--	--	80,503
Fall Potatoes	1988	7.8	7.7	Cwt.	280.0	2,156	-9	7.75	+37	16,709	+25	313,558
	1989	8.2	8.1		275.0	2,228	+3	8.25	+6	18,381	+10	324,673
	1990	9.0	8.9		280.0	2,492	+12	8.60	+4	21,431	+17	352,507
	1991	9.4	9.3		300.0	2,790	+12	7.05	-18	19,670	-8	372,005
Dry Beans	1988	4.4	4.0	Cwt.	19.0	76	-39	28.00	+233	2,128	+42	19,253
	1989	6.0	5.9		22.0	130	+71	27.50	-2	3,575	+68	23,729
	1990	13.5	13.0		16.9	220	+69	13.60	-51	2,992	-16	32,429
	1991	9.0	8.3		19.0	158	-28	13.00	-4	2,054	-31	32,963
Sugar Beets	1988	49.6	48.9	Tons	21.1	1,032	-5	45.20	7	46,646	+2	24,810
	1989	52.7	51.9		19.9	1,033	+0	43.60	-4	45,039	-3	25,131
	1990	55.2	55.1		22.5	1,240	+20	43.20	-1	53,568	+19	27,513
	1991	56.6	56.3		23.3	1,312	+6	--	--	--	--	27,848
Alfalfa Hay	1988	--	1,100	Tons	1.90	2,090	-27	--	--	--	--	69,304
	1989	--	1,350		2.20	2,970	+42	--	--	--	--	77,370
	1990	--	1,350		2.50	3,375	+14	--	--	--	--	83,555
	1991	--	1,500		2.50	3,750	+11	--	--	--	--	83,795
All Hay 3/	1988	--	1,800	Tons	1.55	2,790	-34	85.00	+88	237,150	+25	126,010
	1989	--	2,350		1.90	4,470	+60	69.50	-18	300,900	+27	145,512
	1990	--	2,150		2.09	4,495	+1	64.00	-8	282,095	-6	146,985
	1991	--	2,400		2.16	5,190	+15	52.00	-19	264,555	-6	153,485
Sweet 4/ Cherries	1988	--	--	Tons	--	1,900	-27	548.00	--	1,042	--	184,510
	1989	--	--		--	--	--	--	--	--	--	190,930
	1990	--	--		--	150	--	1,670.00	--	250	--	132,350
	1991	--	--		--	--	--	--	--	--	--	143,400
All Main Crops	1988	--	--	Tons	--	--	--	--	--	640,088	-25	--
	1989	--	--		--	--	--	--	--	1,061,025	+79	--
	1990	--	--		--	--	--	--	--	880,548	-17	--
	1991	--	--		--	--	--	--	5/	1,079,004	+30	--

1/ All estimates for 1991 are preliminary. 2/ Planted acreage of corn for all purposes. 3/ Price of baled hay. 4/ Utilized production in actual tons. 5/ Excludes sugar beets value.

# LIVESTOCK

CLASS OF LIVESTOCK	1990	1991	% Change '91/'90
MONTANA			
-000 Head-			
ALL CATTLE and CALVES	2,330	2,550	+9
Cows & Heifers that have calved	1,400	1,490	+6
Beef Cows	1,376	1,466	+7
Milk Cows	24	24	0
Heifers 500 pounds and over	499	560	+12
For beef cow replacement	323	350	+8
For milk cow replacement	8	8	0
Other heifers	168	202	+20
Sters 500 pounds and over	182	220	+21
Bulls 500 pounds and over	79	85	+8
Calves less than 500 pounds	170	195	+15
Cattle on Feed	90	90	0
All cattle value (\$1,000)	1,759	1,836	+4
Value per head (Dollars)	755	720	-5

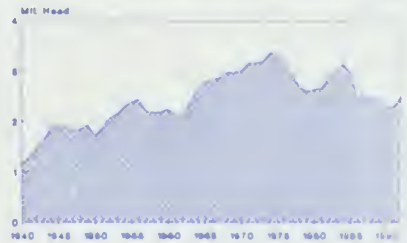
Calves born during year (1,000 head)	1,380	1,430	+4
Number of cattle farms 1/ 2/	14,000	13,400	-4
Operations with beef cattle 1/ 2/	12,300	11,900	3
Operations with milk cows 1/ 2/	1,900	1,800	5

ALL HOGS and PIGS 3/	220	185	-16
December 1 Inventory			
All Hogs & Pigs kept for Breeding	185	225	122
Market	24	26	108
Sows Farrowing	190	199	124
Dec-May 1/			
Jun-Nov	24	25	104
Pig Crop	20	26	130
Dec-May 1/			
Jun-Nov	194	207	107
Pigs Per Litter	163	213	131
Dec-May 1/			
Jun-Nov	8.1	8.3	102
Operations With Hogs	8.2	8.2	100
Dec-May 1/	1.5	1.3	87

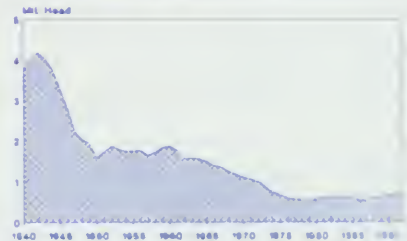
ALL SHEEP and LAMBS	683	688	+1
On feed	33	38	+15
Stock sheep	650	650	0
One year old & older			
Ewes	504	510	+1
Wethers and rams	17	18	+6
Lambs 3-12 months old			
Ewes	117	110	-6
Wethers and rams	12	12	0
All sheep value (\$1,000)	43,712	39,216	10
Value per head (Dollars)	64.00	57.00	11
Lamb crop (1,000 head)	535	585	+9
Number of sheep farms 1/ 2/	2,800	2,800	0

1/ Previous year 2/ Actual number 3/ December 1, previous year

## Cattle & Calves January 1 Inventory, 1940-1992



## Sheep & Lambs January 1 Inventory, 1940-1992



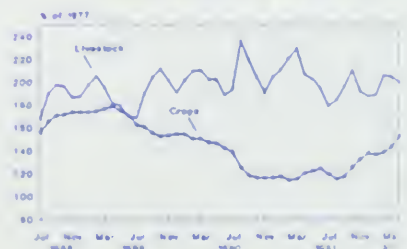
## Hogs & Pigs Jan. 1, 1940-1967, Dec. 1, 1968-1991



## MEAT ANIMALS: MARKETINGS AND CASH RECEIPTS, 1988-91

ITEM	UNIT	MONTANA				
		1988	1989	1990	1991	% chg 91, 90
CATTLE & CALVES						
Marketings	Mil. lbs.	1,009.8	1,131.5	1,017.1	913.7	10
Average Price						
Cattle	Dols. Cwt	65.70	68.20	70.60	69.80	1
Calves	Dols. Cwt	90.60	88.40	95.30	93.70	2
Cash Receipts	Mil. Dols.	693.3	767.5	751.7	665.6	11
HOGS & PIGS						
Marketings	Mil. lbs.	77.6	88.6	84.0	82.5	2
Average Price	Dols. Cwt	36.60	38.30	50.00	44.40	11
Cash Receipts	Mil. Dols.	28.6	34.2	42.2	36.8	13
SHEEP & LAMBS						
Marketings	Mil. lbs.	36.8	37.4	49.4	49.1	1
Average Price						
Sheep	Dols. Cwt	22.20	20.80	17.60	18.50	+5
Lambs	Dols. Cwt	66.30	65.40	44.30	46.90	-3
Cash Receipts	Mil. Dols.	21.3	20.8	14.7	19.1	+2

## MONTANA CROP & LIVESTOCK PRICES RECEIVED INDEXES



# PRICES RECEIVED BY MONTANA FARMERS 1/

COMMODITY	1980	1985	1986	1987	1988	1989	1990	1991 2/
-----Dollars-----								
Winter Wheat	3.90	3.28	2.39	2.66	3.86	3.73	2.53	3.15
Spring Wheat Other Than Durum	4.15	3.64	2.62	2.78	4.10	3.64	2.80	3.10
Durum Wheat	5.75	3.18	2.75	3.40	5.20	3.31	2.72	2.60
All Wheat	4.14	3.47	2.52	2.74	3.98	3.66	2.65	3.10
Oats	1.96	1.50	1.37	1.49	2.26	1.42	1.25	1.27
Barley	2.83	2.03	1.60	1.82	2.82	2.21	2.30	2.60
All Hay Baled (ton)	62.50	84.50	51.00	45.00	85.00	69.50	64.00	52.00
Hogs	37.20	38.50	42.10	45.80	36.60	38.30	50.00	44.40
Beef Cattle	58.00	47.60	49.30	61.10	65.70	68.20	70.60	69.80
Steers & Heifers	68.30	58.40	57.90	70.30	77.80	80.30	83.30	84.90
Calves	76.80	62.20	62.60	80.70	90.60	88.40	95.30	93.70
Cows	44.80	35.70	35.90	44.20	46.40	46.50	51.00	50.10
Lambs	61.70	66.80	67.20	80.50	66.30	65.80	48.30	46.80
Sheep	17.70	17.60	22.70	27.40	22.20	20.80	17.60	18.50
Chickens	.08	.07	.08	.06	.06	.07	.045	.04
Eggs	.57	.51	.56	.50	.48	.75	.68	.66
Wool	1.00	.67	.74	1.02	1.48	1.36	.91	.57
All Milk	12.80	13.10	12.70	12.50	12.20	13.50	13.70	3/

1/ Crops are season average prices for each crop's respective marketing year. Other prices are averages weighted by monthly sales. 2/ Preliminary. 3/ Available May 13, 1992.

## MONTANA'S RANK IN THE NATION'S AGRICULTURE

ITEM	UNIT	PERIOD OR DATE	RANK
Land in farms and ranches	60,300,000 acres	1991	2
Income from cash receipts, excluding Gov't payments:			
Total	1,605,731,000 dollars	1990	33
Crops	742,052,000 dollars	1990	31
Livestock	863,679,000 dollars	1990	30

## LIVESTOCK INVENTORY AND WOOL PRODUCTION

All Cattle & Calves	2,550,000 head	Jan. 1, 1992	13
All Cows	1,490,000 head	Jan. 1, 1992	8
Beef Cows	1,466,000 head	Jan. 1, 1992	6
Milk Cows	24,000 head	Jan. 1, 1992	42
Cattle on Feed	90,000 head	Jan. 1, 1992	20
Hogs and Pigs	225,000 head	Dec. 1, 1991	24
Sheep and Lambs	688,000 head	Jan. 1, 1992	5
Wool Production	6,542,000 pounds	1991	4
All Chickens	780,000 birds	Dec. 1, 1991	42
Egg Production	164,000,000 eggs	1991	41
Honey Production	7,912,000 pounds	1991	7

## CROPS (Production)

All Wheat	159,507,000 bushels	1991	3
Winter Wheat	72,000,000 bushels	1991	4
Durum Wheat	5,907,000 bushels	1991	2
Spring Wheat Other than Durum	81,600,000 bushels	1991	2
Barley	85,800,000 bushels	1991	2
Oats	6,050,000 bushels	1991	11
All Hay	5,190,000 tons	1991	10
Alfalfa Hay	3,750,000 tons	1991	9
Dry Beans	158,000 cwt	1991	14
Potatoes--fall	2,790,000 cwt	1991	12
Sugar Beets	1,312,000 tons	1991	8
Corn			
Grain	1,800,000 bushels	1991	40
Silage	1,062,000 tons	1991	23